

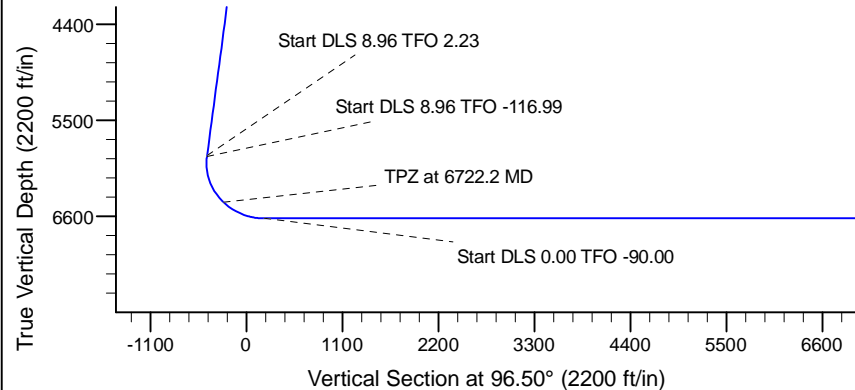
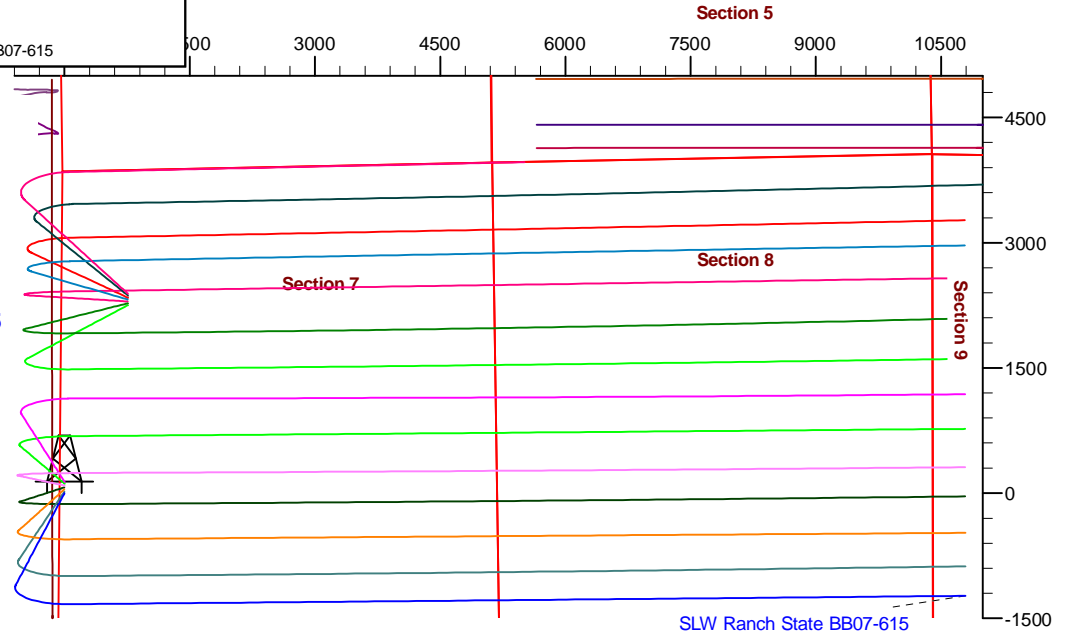
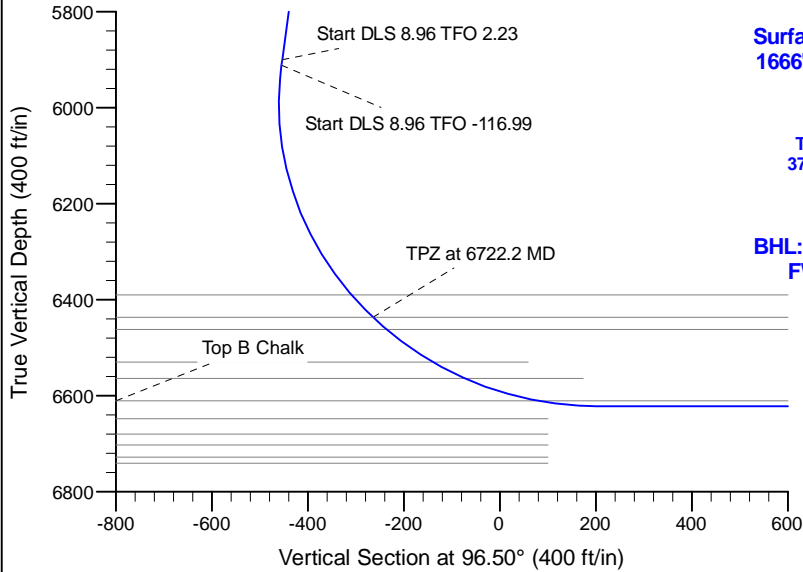
Project: Wells Ranch  
 Site: BB Section 07  
 Well: SLW Ranch State BB07-615  
 Wellbore: Original Drilling  
 Design: Plan 1

# Northern Region - DJ Basin

Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Northern Zone  
 System Datum: Mean Sea Level

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	3000.0	20.00	208.00	2979.8	-152.5	-81.1	2.00	208.00	-63.3	
4	6107.6	20.00	208.00	5900.0	-1091.0	-580.1	0.00	0.00	-453.0	
5	6120.0	21.11	208.12	5911.7	-1094.9	-582.1	8.96	2.23	-454.6	
6	7235.7	90.00	89.49	6622.0	-1330.0	50.0	8.96	-116.99	200.1	
7	17978.2	90.00	89.44	6622.0	-1229.8	10792.0	0.00	-90.00	10861.8	SLW Ranch State BB07-615



**T G M**

Azimuths to Grid North  
 True North: -0.65°  
 Magnetic North: 7.43°

Magnetic Field  
 Strength: 52451.4snT  
 Dip Angle: 66.91°  
 Date: 4/4/2017  
 Model: IGRF2015

WELL DETAILS: SLW Ranch State BB07-615

0.00.0	Northing 1394071.15	Easting 3281579.04	4617.0 Latitude 40.4107200	Longitude -104.4888000
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Plan: Plan 1 (SLW Ranch State BB07-615/Original Drilling)

OK to Submit with 2A as per Noble Drilling

10-31-2017